

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S50	28328	"catalytic converter" or (emission or exhaust) near3 (purifi \$6 or purify\$3)	US-PGPUB; USPAT	OR	ON	2010/06/23 10:28
S51	1426	S50 same regeneration	US-PGPUB; USPAT	OR	ON	2010/06/23 10:29
S52	2377	S50 same storage	US-PGPUB; USPAT	OR	ON	2010/06/23 10:30
S53	2356	S51 or S52 and "nitrogen oxide"	US-PGPUB; USPAT	OR	ON	2010/06/23 10:31
S54	1772	S51 or S52 same "nitrogen oxide"	US-PGPUB; USPAT	OR	ON	2010/06/23 10:32
S55	1539	(S51 or S52) and "nitrogen oxide"	US-PGPUB; USPAT	OR	ON	2010/06/23 10:32
S56	583	(S51 or S52) same "nitrogen oxide"	US-PGPUB; USPAT	OR	ON	2010/06/23 10:32
S57	374	S51 and S52	US-PGPUB; USPAT	OR	ON	2010/06/23 10:33
S58	226	S51 and S52 and "nitrogen oxide"	US-PGPUB; USPAT	OR	ON	2010/06/23 10:34
S59	36108	"catalytic converter" or (emission or exhaust) near3 (purifi \$6 or purify\$3)	EPO; JPO; DERWENT	OR	ON	2010/06/23 10:35
S60	1540	S59 and regeneration	EPO; JPO; DERWENT	OR	ON	2010/06/23 10:36
S61	150	S60 and storage	EPO; JPO; DERWENT	OR	ON	2010/06/23 10:36
S62	87	S61 and ("nitrogen oxide" or NOI)	EPO; JPO; DERWENT	OR	ON	2010/06/23 10:37
S63	2	EP-1209332-\$.DID. OR DE-10113947-\$.DID. OR DE-19915793-\$.DID.	EPO	OR	ON	2010/07/01 16:42
S64	1	franz.in. same jens. in.	US-PGPUB; USPAT	OR	ON	2010/07/02 13:58
S65	28	hofmann.in. same uwe.in.	US-PGPUB; USPAT	OR	ON	2010/07/02 13:59

S66	0	hofmann.in. same uwe.in. and franz.in.	US-PGPUB; USPAT	OR	ON	2010/07/02 13:59
S67	14615	regenerat\$ SAME storage	US-PGPUB; USPAT	OR	ON	2010/07/02 14:03
S68	4305	regenerat\$ SAME storage and catal\$	US-PGPUB; USPAT	OR	ON	2010/07/02 14:03
S69	1518	regenerat\$ SAME storage same catal\$	US-PGPUB; USPAT	OR	ON	2010/07/02 14:03
S70	517	regenerat\$ SAME storage same catal\$ with (nitrogen or NOX)	US-PGPUB; USPAT	OR	ON	2010/07/02 14:04
S71	330	regenerat\$ SAME storage same catal\$ with NOX	US-PGPUB; USPAT	OR	ON	2010/07/02 14:04
S72	600	regenerat\$ SAME storage same catal\$ same(nitrogen or NOX)	US-PGPUB; USPAT	OR	ON	2010/07/02 14:06
S73	204	regenerat\$ SAME storage same catal\$ same(nitrogen or NOX) same converter	US-PGPUB; USPAT	OR	ON	2010/07/02 14:06
S74	185	regenerat\$ SAME storage same catal\$ adj converter same (nitrogen or NOX)	US-PGPUB; USPAT	OR	ON	2010/07/02 14:10
S76	2226	60/286.ccls.	US-PGPUB; USPAT	OR	ON	2010/07/02 16:33
S77	2723	60/285.ccls.	US-PGPUB; USPAT	OR	ON	2010/07/02 16:51
S78	2784	60/274.ccls.	US-PGPUB; USPAT	OR	ON	2010/07/02 16:51
S79	1520	regenerat\$ SAME storage same catal\$	US-PGPUB; USPAT	OR	ON	2010/07/16 16:07
S80	2789	60/274.ccls.	US-PGPUB; USPAT	OR	ON	2010/07/16 16:07
S82	2727	60/285.ccls.	US-PGPUB; USPAT	OR	ON	2010/07/16 16:08
S84	2233	60/286.ccls.	US-PGPUB; USPAT	OR	ON	2010/07/16 16:09

S86	204	(US-20100162790-\$ or US-20100132435-\$ or US- 20100132337-\$ or US-20100101222-\$ or US-20100101210-\$ or US- 20100077836-\$ or US-20100024524-\$ or US-20090320452-\$ or US- 20090313973-\$ or US-20090297415-\$ or US-20090293851-\$ or US- 20090211230-\$ or US-20090199550-\$ or US-20090199547-\$ or US- 20090193792-\$ or US-20090178388-\$ or US-20090145112-\$ or US- 20090131243-\$ or US-20090126344-\$ or US-20090084089-\$ or US- 20090031711-\$ or US-20090025392-\$ or US-20090007545-\$ or US- 20080314030-\$ or US-20080282675-\$ or US-20080271438-\$).did. or (US- 20080267780-\$ or US-20080250779-\$ or US-20080250775-\$ or US- 20080216467-\$ or US-20080202103-\$ or US-20080196391-\$ or US- 20080196389-\$ or US-20080168771-\$ or US-20080163611-\$ or US- 20080163608-\$ or US-20080148830-\$ or US-20080135014-\$ or US- 20080105031-\$ or US-20080102010-\$ or US-20080092532-	US-PGPUB; USPAT	OR	ON	2010/12/27 14:36
-----	-----	--	--------------------	----	----	---------------------

\$ or US
20080053077-\$ or
US-20080041038-\$
or US-20080034739-
\$ or US
20080022667-\$ or
US-20080022655-\$
or US-20080016847-
\$ or US
20070246433-\$ or
US-20070240921-\$
or US-20070234710-
\$ or US
20070207070-\$ or
US-20070193256-\$
or US-20070175208-
\$).did. or (US
20070169466-\$ or
US-20070163231-\$
or US-20070150154-
\$ or US
20070144150-\$ or
US-20070137180-\$
or US-20070130915-
\$ or US
20070104632-\$ or
US-20070065350-\$
or US-20070051098-
\$ or US
20070028601-\$ or
US-20060288691-\$
or US-20060287803-
\$ or US
20060213188-\$ or
US-20060213186-\$
or US-20060196175-
\$ or US
20060196165-\$ or
US-20060173590-\$
or US-20060162322-
\$ or US
20060162297-\$ or
US-20060156710-\$
or US-20060153761-
\$ or US
20060107655-\$ or
US-20060096282-\$
or US-20060053781-
\$ or US
20060021332-\$ or
US-20060016175-\$
or US-20060000456-
\$).did. or (US
20050268788-\$ or
US-20050234635-\$

or US-20050232830-\$ or US-20050228572-\$ or US-20050217258-\$ or US-20050173265-\$ or US-20050076637-\$ or US-20050005597-\$ or US-20040250531-\$ or US-20040206067-\$ or US-20040194447-\$ or US-20040187456-\$ or US-20040139737-\$ or US-20040076566-\$ or US-20040074231-\$ or US-20040055285-\$ or US-20040050362-\$ or US-20040039514-\$ or US-20040016229-\$ or US-20040013580-\$ or US-20040011322-\$ or US-20040011028-\$ or US-20030196647-\$ or US-20030182934-\$ or US-20030172645-\$ or US-20030168039-\$ or US-20030167754-\$.did. or (US-20030163987-\$ or US-20030159521-\$ or US-20030056499-\$ or US-20030051716-\$ or US-20020134075-\$ or US-20020124551-\$ or US-20020033045-\$ or US-20020012623-\$ or US-20010054283-\$ or US-20010054282-\$ or US-20010032456-\$ or US-20010011454-\$ or US-20010002550-\$.did. or (US-7735315-\$ or US-7712307-\$ or US-7677029-\$ or US-7673447-\$ or US-

7670577-\$ or US-
7638452-\$ or US-
7628008-\$ or US-
7614220-\$ or US-
7603849-\$ or US-
7600373-\$ or US-
7584607-\$ or US-
7584605-\$ or US-
7580779-\$ or US-
7566426-\$ or US-
7566425-\$ or US-
7563415-\$ or US-
7563414-\$ or US-
7513239-\$ or US-
7484407-\$ or US-
7481044-\$ or US-
7458203-\$ or US-
7448201-\$ or US-
7418334-\$ or US-
7395659-\$ or US-
7376505-\$ or US-
7351677-\$).did. or
(US-7347042-\$ or
US-7337658-\$ or US-
7316108-\$ or US-
7293407-\$ or US-
7287372-\$ or US-
7231290-\$ or US-
7211232-\$ or US-
7210288-\$ or US-
7185488-\$ or US-
7174705-\$ or US-
7168243-\$ or US-
7128772-\$ or US-
7127881-\$ or US-
7051515-\$ or US-
7013862-\$ or US-
6973914-\$ or US-
6901745-\$ or US-
6895745-\$ or US-
6889497-\$ or US-
6873901-\$ or US-
6862880-\$ or US-
6854266-\$ or US-
6854263-\$ or US-
6843240-\$ or US-
6826471-\$ or US-
6823657-\$ or US-
6820461-\$).did. or
(US-6810657-\$ or
US-6766642-\$ or US-
6755185-\$ or US-
6732705-\$ or US-
6722125-\$ or US-

		6684628-\$ or US- 6637197-\$ or US- 6619108-\$ or US- 6598470-\$ or US- 6588251-\$ or US- 6519930-\$ or US- 6499291-\$ or US- 6477833-\$ or US- 6413904-\$ or US- 6408615-\$ or US- 6389802-\$ or US- 6350421-\$ or US- 6347513-\$ or US- 6345498-\$ or US- 6324834-\$ or US- 6318075-\$ or US- 6230487-\$ or US- 6216451-\$ or US- 6216448-\$ or US- 6209316-\$ or US- 6171565-\$ or US- 6145303-\$).did. or (US-6089015-\$ or US-5992142-\$ or US- 5457958-\$ or US- 5145652-\$).did.				
S87	216	regenerat\$ SAME storage same catal\$ same(nitrogen or NOX) same converter	US-PGPUB; USPAT	OR	ON	2010/12/27 14:37
S88	216	S87	US-PGPUB; USPAT	OR	ON	2010/12/27 14:37
S89	12	S88 not S86	US-PGPUB; USPAT	OR	ON	2010/12/27 14:37
S90	2278	((air adj fuel) or AF or lamda or lambda) same (mass adj flow)	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/27 16:45
S91	713	((air adj fuel) or AF or lamda or lambda) same (mass adj flow) and "60".das.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/27 16:46
S92	53	((air adj fuel) or AF or lamda or lambda) same (mass adj flow) and "60".das. and (regenerat\$3 near6 (NOx or nitrogen))	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/27 16:47

S93	32	((air adj fuel) or AF or lambda or lambda) with (mass adj flow) and "60".clas. and (regenerat\$3 near6 (NOx or nitrogen))	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/27 16:48
S94	20	((air adj fuel) or AF or lambda or lambda) with ((mass adj flow) near6 exhaust) and "60".clas. and (regenerat\$3 near6 (NOx or nitrogen))	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/27 16:51
S95	195	regenerat\$ SAME storage same (catal\$ adj converter) same (nitrogen or NOx)	US-PGPUB; USPAT	OR	ON	2010/12/29 17:55
S96	1598	regenerat\$ SAME storage same catal\$	US-PGPUB; USPAT	OR	ON	2010/12/29 17:56
S97	2914	60/274.ccls.	US-PGPUB; USPAT	OR	ON	2010/12/29 17:56
S98	152	S97 and S96	USPAT	OR	OFF	2010/12/29 17:56
S99	53	(US-20100319323-\$ or US-20100313551-\$ or US-20100307140-\$ or US-20100307136-\$ or US-20100223909-\$ or US-20100212294-\$ or US-20100192545-\$ or US-20100131181-\$ or US-20100083640-\$ or US-20100043400-\$ or US-20100043397-\$ or US-20090151323-\$ or US-20090000274-\$ or US-20080016847-\$ or US-20070234710-\$ or US-20070199303-\$ or US-20070193254-\$ or US-20070175208-\$ or US-20070089401-\$ or US-20070039311-\$ or US-20060162319-\$ or US-20060150628-\$	US-PGPUB; USPAT	OR	ON	2011/02/15 18:27

		or US-20060090454-\$ or US-20060042608-\$ or US-20060032213-\$ or US-20050223699-\$).did. or (US-20030172645-\$ or US-20030167754-\$ or US-20030131591-\$ or US-20030115858-\$ or US-20030089103-\$ or US-20020134075-\$).did. or (US-7849671-\$ or US-7814747-\$ or US-7735312-\$ or US-7383680-\$ or US-7222615-\$ or US-7210288-\$ or US-7121080-\$ or US-7100363-\$ or US-7080511-\$ or US-7073465-\$ or US-7051515-\$ or US-6941748-\$ or US-6928808-\$ or US-6901749-\$ or US-6901745-\$ or US-6779337-\$ or US-6629408-\$ or US-6389802-\$ or US-6244047-\$ or US-6233921-\$ or US-6171565-\$).did.				
S100	55	((air adj fuel) or AF or lamda or lambda) same (mass adj flow) and "60".clas. and (regenerat\$3 near6 (NOx or nitrogen))	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/15 18:27
S101	2	S100 not \$99	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/15 18:27

S102	152	(US-7849671-\$ or US-7841169-\$ or US- 7836687-\$ or US- 7836685-\$ or US- 7814747-\$ or US- 7810315-\$ or US- 7799734-\$ or US- 7797928-\$ or US- 7797923-\$ or US- 7788901-\$ or US- 7775035-\$ or US- 7765798-\$ or US- 7735313-\$ or US- 7735312-\$ or US- 7731925-\$ or US- 7721532-\$ or US- 7707826-\$ or US- 7665296-\$ or US- 7654076-\$ or US- 7650747-\$ or US- 7640732-\$ or US- 7624570-\$ or US- 7614222-\$ or US- 7614220-\$ or US- 7614218-\$ or US- 7614214-\$).did. or (US-7610752-\$ or US-7594392-\$ or US- 7587890-\$ or US- 7584607-\$ or US- 7584605-\$ or US- 7571600-\$ or US- 7562522-\$ or US- 7555895-\$ or US- 7533523-\$ or US- 7533521-\$ or US- 7481044-\$ or US- 7481039-\$ or US- 7475534-\$ or US- 7469531-\$ or US- 7458205-\$ or US- 7458203-\$ or US- 7454900-\$ or US- 7448201-\$ or US- 7434387-\$ or US- 7418816-\$ or US- 7401462-\$ or US- 7370470-\$ or US- 7357901-\$ or US- 7356988-\$ or US- 7293407-\$ or US- 7225610-\$ or US- 7219008-\$).did. or (US-7210288-\$ or	USPAT	OR	ON	2011/02/15 18:29
------	-----	--	-------	----	----	---------------------

US-7181908-\$ or US-
7181907-\$ or US-
7181906-\$ or US-
7181902-\$ or US-
7178331-\$ or US-
7174705-\$ or US-
7168243-\$ or US-
7165393-\$ or US-
7159387-\$ or US-
7127881-\$ or US-
7114328-\$ or US-
7100363-\$ or US-
7082753-\$ or US-
7073465-\$ or US-
7073325-\$ or US-
7073324-\$ or US-
7073322-\$ or US-
7069718-\$ or US-
7055313-\$ or US-
7055311-\$ or US-
7051516-\$ or US-
7051515-\$ or US-
7047729-\$ or US-
7021046-\$ or US-
7017335-\$ or US-
7000385-\$).did. or
(US-6978204-\$ or
US-6973775-\$ or US-
6968679-\$ or US-
6941748-\$ or US-
6941743-\$ or US-
6938412-\$ or US-
6938411-\$ or US-
6938409-\$ or US-
6928808-\$ or US-
6901745-\$ or US-
6892530-\$ or US-
6889497-\$ or US-
6873901-\$ or US-
6871492-\$ or US-
6862880-\$ or US-
6854266-\$ or US-
6854263-\$ or US-
6848251-\$ or US-
6826471-\$ or US-
6823663-\$ or US-
6823657-\$ or US-
6820417-\$ or US-
6810657-\$ or US-
6766642-\$ or US-
6722125-\$ or US-
6705078-\$ or US-
6684628-\$).did. or
(US-6681565-\$ or
US-6651423-\$ or US-

		6637198-\$ or US- 6637197-\$ or US- 6637190-\$ or US- 6629407-\$ or US- 6609364-\$ or US- 6568174-\$ or US- 6550240-\$ or US- 6530216-\$ or US- 6519930-\$ or US- 6499291-\$ or US- 6497092-\$ or US- 6477833-\$ or US- 6460328-\$ or US- 6438947-\$ or US- 6408615-\$ or US- 6389802-\$ or US- 6385966-\$ or US- 6347513-\$ or US- 6324834-\$ or US- 6318075-\$ or US- 6318073-\$ or US- 6294141-\$ or US- 6293092-\$ or US- 6253543-\$ or US- 6237326-\$).did. or (US-6235254-\$ or US-6233921-\$ or US- 6216451-\$ or US- 6216449-\$ or US- 6216448-\$ or US- 6209316-\$ or US- 6185930-\$ or US- 6173568-\$ or US- 6171565-\$ or US- 6161377-\$ or US- 6145303-\$ or US- 6119450-\$ or US- 6089015-\$ or US- 6082325-\$ or US- 5992142-\$ or US- 5884474-\$ or US- 5771686-\$ or US- 5345761-\$).did.				
S103	1627	regenerat\$ SAME storage same catal\$	US-PGPUB; USPAT	OR	ON	2011/02/15 18:29
S104	2966	60/274.ccls.	US-PGPUB; USPAT	OR	ON	2011/02/15 18:29
S105	154	S104 and S103	USPAT	OR	OFF	2011/02/15 18:29
S106	2	S105 not S102	USPAT	OR	OFF	2011/02/15 18:29

S107	1627	regenerat\$ SAME storage same catal\$	US-PGPUB; USPAT	OR	ON	2011/02/15 18:30
S108	2447	60/286.ccls.	US-PGPUB; USPAT	OR	ON	2011/02/15 18:30
S109	116	S107 and S108	USPAT	OR	OFF	2011/02/15 18:30
S110	2844	60/285.ccls.	US-PGPUB; USPAT	OR	ON	2011/02/15 18:31
S111	109	S107 and S110	USPAT	OR	OFF	2011/02/15 18:31
S113	1	(regeneration and catalytic and exhaust and mode and constant and variable and first and second). cml.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 18:36

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S114	0	(regeneration and catalytic and exhaust and mode and constant and variable and first and second). cml.	USPAT; UPAD	OR	OFF	2011/02/15 18:36

2/15/2011 6:39:18 PM**C:\Documents and Settings\jshanske\My Documents\EAST\Workspaces\10584237.wsp**